

Summary

Highly accomplished and results-driven Senior QA Automation Engineer with over 5 years of progressive experience in leading and implementing robust quality assurance strategies. Proven expertise in designing, building, and scaling comprehensive automation frameworks (UI, API, Mobile, Performance) across diverse platforms, significantly reducing defect rates, accelerating release cycles, and optimizing testing processes. Adept at mentoring cross-functional QA teams, integrating automation into CI/CD pipelines, and driving continuous improvement to ensure enterprise-grade software quality.

Work Experience

Founder, Cedar Quality Lab | Cedar Quality Lab | Apr 2025 – Present | Lebanon

- Established and successfully launched Cedar Quality Lab, a specialized software testing hub dedicated to empowering aspiring QA automation engineers through practical, hands-on training and mentorship programs.
- Cultivated a vibrant tech community by orchestrating regular tech talks and knowledge-sharing sessions, featuring insights from senior industry professionals.
- Delivered bespoke QA automation services and expert consultancy to various businesses, consistently ensuring adherence to rigorous enterprise-grade quality standards.

Senior QA Automation Engineer/Lead, RTPAY Team - FinTech | Real Time Technologies | Nov 2022 – Present | Miami, USA

- Architected and scaled a highly resilient UI end-to-end automation framework using Cypress (JavaScript/TypeScript), covering both web and mobile fintech platforms, resulting in a **75% reduction in manual QA effort**.
- Developed and maintained over 500 comprehensive manual and automated test cases across multiple platforms (functional, UI, regression, edge, exploratory), proactively identifying **89% of critical issues prior to production deployment**.
- Integrated robust REST API testing using REST Assured, Swagger, and Cypress, significantly enhancing transaction validation and **reducing defect detection time by 55%**.
- Automated critical database validation processes via **MSSQL** and Cypress, ensuring seamless UI-backend data consistency and integrity.
- Embedded test automation seamlessly into CI/CD pipelines (Azure DevOps), achieving a **65% faster feedback loop** and accelerating time-to-market.
- Provided expert mentorship to junior QA engineers, led strategic test strategy reviews, and pioneered the introduction of AI-based self-healing automation, substantially enhancing overall framework resilience and stability.
- Championed active collaboration across the entire SDLC, ensuring early QA involvement from planning through release, leading to a remarkable **95% reduction in post-deployment bugs**.
- Refined user stories and collaboratively defined precise acceptance criteria, directly contributing to improved delivery quality and increased team velocity.

Lead QA Engineer | Social Nest | Oct 2024 – June 2025 | Dubai, Remote [Seasonal - Contract]

- Spearheaded comprehensive QA efforts for a high-traffic social media e-commerce platform serving over 30,000 monthly active users, consistently ensuring exceptional quality across web and mobile environments.
- Designed and meticulously maintained a robust suite of over 250 manual and automated test cases (functional, UI, regression, edge scenarios), effectively catching **95% of critical issues before production**.
- Orchestrated over 15 A/B test cycles in close collaboration with Marketing and Product teams, directly contributing to a **10–15% increase in user engagement** on key features.
- Executed extensive UI and cross-browser/device compatibility testing using BrowserStack, covering 4 major browsers and 20+ device combinations, leading to a **35% reduction in UI-related bugs**.
- Developed and maintained insightful QA dashboards and detailed test reports in ClickUp, significantly improving visibility and fostering strong team alignment across 4 departments.

- Developed and integrated a comprehensive API Testing suite with Postman and a performance/load testing suite with JMETER, increasing test accuracy and achieving **85% full integration** into the testing workflow.

Senior QA Automation Engineer | Siren Analytics/CME | Apr 2021 – Nov 2022 | Beirut, Lebanon

- Built and deployed scalable automation frameworks utilizing Java, Selenium, and TestNG, achieving an **83% reduction in manual test workload**.
- Conducted critical API testing and performance validation with REST Assured and Apache JMeter for large-scale Government projects impacting over 5 million users, resulting in a **70% reduction in page load times**.
- Enhanced defect tracking and test documentation processes within JIRA, significantly improving bug resolution efficiency and fostering seamless cross-team collaboration.
- Collaborated proactively with development, DevOps, and product teams to refine QA processes, implement industry best practices, and continuously improve overall test efficiency.
- Streamlined QA processes across the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) by implementing early defect detection strategies, leading to a **75% reduction in post-release bugs** and **accelerating time-to-market by 40%**.

Test Engineer | sKash | Feb 2020 – Apr 2021 | Beirut, Lebanon

- Developed and implemented automation tests for mobile applications in digital banking solutions using Selenium C#, resulting in a **25% reduction in manual testing efforts**.
- Conducted thorough functional and regression testing on mobile banking transactions, ensuring a seamless customer experience across both iOS & Android platforms.

QA Automation Engineer | Layer/Ubanquity | Jul 2019 – Feb 2020 | Beirut, Lebanon

- Developed and implemented automation tests for mobile applications in digital banking solutions using Flutter, contributing to a **25% reduction in manual testing efforts**.
- Executed comprehensive manual testing across various browsers and numerous devices (Samsung, iPhone, etc.), ensuring broad compatibility.

Skills

Test Automation Frameworks:

- **UI & Mobile:** Cypress.io, Selenium, Playwright, Appium, WebDriverIO
- **API Testing:** REST Assured, Postman
- **Performance Testing:** JMeter

Programming Languages & Technologies:

- Java (REST Assured, Selenium, TestNG)
- JavaScript (Cypress.io, WebDriverIO, Appium, Playwright)
- C# (Selenium)
- Flutter

CI/CD & DevOps:

- Azure DevOps, GitHub Actions

Databases:

- MSSQL, PostgreSQL

QA Methodologies & Processes:

- SDLC & STLC Optimization
- Shift-Left Testing & Risk-Based Testing
- Agile (Scrum) & CI/CD Test Integration

Soft Skills:

- Problem Solving, Communication, Leadership, Analytical Thinking

Education

M.Sc. Computer Science, Lebanese University, Faculty of Sciences II | 2018–2019

B.Sc. Computer Science, Lebanese University, Faculty of Sciences II | 2017–2018